

I Believe that BPL is not the way to go for Broadband Access. It pollutes the frequency band from the power line which acts like an antenna. The frequencies would include the shortwave, ham and military bands. These bands were used as part of communication during 911 and over the years since and before for various rescue and help relief efforts. If BPL is implemented, efforts for rescue and help relief could not be used for any future efforts.

As far as the financial aspect is concerned, it would be expensive instead of cheaper. For one, you are working on a older grid system and would need to updated some aspects of the system to implement the system. Two, installation of BPL would be expensive to install. You would need fiber optic lines and nodes along with equipment to bring BPL to the power line.

The best way would be to use WIFI and WIMAX technologies because it would it would not pollute the frequency spectrum for the licensed radio users and people who have a hobby of listening to Short Wave Broadcasts.